A.S 8/7/19

Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....20.....

No. 1st and Final bill

AEE, YSTSD

Division-Yelahanka Division

SBR No: 16/19-20

Bill Received No.....Dated.....Cash Book Voucher No.....dated..

Head of Account:

Date: 6/7/2019

Scheduled Docket No.....

Name of Work : Detailed Estimate For the Work of Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

Contractor and Full Address: M/s KRIDL P-1878

Reference to Agreement No: 92/2018-19

YNK-DBR No. 28
Date 16.07.19

Work Order No: BBMP/EE(YNK.D)/W.O/101/2018-19

Job code No: 003-19-000018

Certified that the measurements were taken by me on 18/5/2019 and recorded in pages 462133 to 462135/2

Of measurement Book No. 4622/2015-16 and that the work is satisfactorily executed.

Assistant Executive Engineer,
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Officer-in-charge of work 18/5/2019

Certified that the measurements were taken by me on 18/05/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
Sub-Division Office
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total 7393343=00
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	Deduct amount to be held in Balance	
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	CONST 66012=00
		SCST 66012=00
	Amount adjusted towards cash advance recovery of	IT 147867=00
	b) Payments cost store or other materials supplied.	LC 73933=00
	Now made recovery of amount creditable to this/other work	CBF 7393=00
	Amount paid on this bill Cheque/Cash	FSD 369667=00
5)	Balance being unpaid value of work done held in reserve	LR 127152=00
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	TD 858036=00
7)	Net amount due to or from contractor	Net 6535307=00
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied	

Assistant Executive Engineer,
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

(For use in the Office)

Witnesses:

1.

2.

Assistant Executive Engineer,
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Dated..... Signature of Contractor

Audited & Admitted for Rs. 7393343/-
Seventy three lacs ninety three thousand three hundred and forty three
6535307/-
Rs. 858036/- by Cheque
.....by adjusement

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Initials of Officer Making Payment

Executive Engineer

Name of Work :Detailed Estimate For the Work of Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19	Cum	909.33	207.60	188775 87	–	–	909.26	207.60	188761.70	909.26	188761.70
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	365.90	5421.90	1983858 30	–	–	365.80	5421.90	1983335.69	365.80	1983335.69

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No-255,I No-27.34.8.2)	Cum	146.32	4871.76	712850.54	–	–	146.28	4871.76	712642.98	146.28	712642.98
4	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:3 (P.No-255,I No-27.34.8.2)	Cum	78.75	150.52	11853.45	–	–	77.39	150.52	11649.30	77.39	11649.30
5	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (page No.113, Item No.5.26.2 pwd 16-17)	tonne	14.06	979.56	13774.57	–	–	14.06	979.56	13774.57	14.06	13774.57

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
6	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (page No.113, Item No.15.15 pwd 16-17)	Sqm	31.18	263.52	8215.29	–	–	31.18	263.52	8215.29	31.18	8215.29
7	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271)	Cum	22.36	7070.20	158072.00	–	–	22.36	7070.20	158072.00	22.36	158072.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	KSRRB M2100-17.2. Plain / Reinforced Cement Concrete design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification Including Cost of all materials,labour,HOM curing, form works, scaffolding and centring complete specification as per Specifications Morth Specification No.1500,1700 & 2100 (Page No.223/ Item No. 27.31/ PWD SR 2018-19)	Sqm	11.12	5294.70	58877.06	–	–	11.01	5294.70	58288.16	11.01	58288.16
9	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3 (I No-4.46.2,P No-18)	Cum	1.45	72326.98	105108.28	–	–	1.45	72326.98	105108.28	1.45	105108.28

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge. Data rate	Cum	60.98	2337.00	142498.58	–	–	60.98	2337.00	142498.58	60.98	142498.58
11	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - -250mm dia (Page No.255, Item No.34.7.2)PW,P&IWTD SR 2018-19)	Mtr	16.00	559.68	8954.88			16.00	559.68	8954.88	16.00	8954.88

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 43 / I. No. 7.37 of PWD 2016-17)	Cum	8.82	3168.72	27948.11	–	–	8.82	3168.72	27948.11	8.82	27948.11

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
13	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (Page No-140 Item no - 18.47 of KPWD SR 2018-19)		190.92	952.94	181935.30			190.43	952.94	181472.07	190.43	181472.07
14	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.(P.No. 147, I.No. 19.64)		2229.50	6.36	14179.62			2228.46	6.36	14173.02	2228.46	14173.02
15	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305		547.01	344.50	188445.24			546.87	344.50	188398.30	546.87	188398.30

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No. 155.tem No.20.18,PW,P & IWTD SR 2018-19)		333.93	2001.28	668277.42			333.68	2001.28	667788.33	333.68	667788.33

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
17	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per		334.43	5210.96	1742675.30			334.27	5210.96	1741864.27	334.27	1741864.27

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.		2229.50	72.08	160702.36			2228.46	72.08	160627.57	2228.46	160627.57
	Total				**6377002.17**					**6373573.10**		**6373573.10**
	GST Charges 12%				**765240.26**					**764828.77**		**764828.77**
	KRIDL Charges 4%				**285689.70**				2549482=00	**285536.07**	2549482	**285536.07**
	Grand Total				**7427932.13**					**7423937.95**		**7423937.95**

7393343=00

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
16/5/2019

18/05/19
Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
Bangalore-64